

SITE INFORMATION

Site Identifier : SS13LB7 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 05.0001X **Address :**
Region : NS **Address2 :**
Trib to : SF Stillaguamish R **City :**
River Mile : 65.95 **State :**
River System : SF Stillaguamish R **Zipcode :**
Legal Description : SE1/4S27T30NR10E **Phone :**
County : Snohomish
Habitat Type : beaver pond

Coordinates

East: 1,756,344.00 **North:** 994,635.00

Directions :

From Granite Falls take the Mtn Loop Highway past the town of Silverton to the Dickerman Mountain lookout trailhead. Park and backtrack 1/4 mile down the Mtn Loop highway and drop off the hill and cross the river. Site will be just upstream.

Area Overview :

Site is a high gradient, high energy snowmelt stream that pours onto a large river bench that beavers have dammed up to form an extremely large beaver pond complex flooding most of the bench.

Field Survey Information

Date : 10/21/02 **Observer :** Barkdull **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end:0
Upper end:0

Water Temperature(C): Lower end:10
Upper end:12

Receiving Water Temperature (C): 8

Other Observations:

Site Area Measurements: Indirect Direct Combination
 Widths: Channel:3 Ponds:300 **Wetlands:**
 Depths: Channel:0.4 Ponds:1.0 **Wetlands:**
 Total length (includes ponds and wetlands):632

Total existing habitat area (est. m2):90,099

Spawning area:	Mainstem:50	Tribs:	Total:50
Impounded area:	Mainstem:90,000	Tribs:	Total:90,000
Other rearing area:	Mainstem:	Tribs:	Total:
Unaccessible habitat:	Mainstem:3000	Tribs:	Total:3000

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Moderately large gravel exist in the outlet channel.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: The lower 32 meters is a well defined, gravel bottomed channel with several forks feeding in from the beaver ponds above. Above this point is a large beaver pond complex approximately 300 meters long and wide that occupies most of the bench. A large beaver dam forms a berm between the complex and river for about 100 meters. The left bank edge is well defined, bordered by a steep bank and right bank side slowly fades into a forested wetland. A large high gradient, high energy snowmelt stream with a wide alluvial fan feeds into the system off of the north side of Big Four Mountain. This stream appears to go mostly subsurface during most flows, and probably provides little to no habitat. The stream originates from a snowfield, and has a channel width of 15 meters where it is defined. On the day of the survey the ponds were nearly dry, and the outlet channel was a series of pools with no outflow. The site undoubtedly has better flow during years with normal precipitation.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe: See above description.

Flooding potential: Low Medium High

Describe: Site is on a low bench that probably gets flooded during extreme events. The beaver dam along the river is so large and solid that it appears to form a dike semi-protecting the site from lesser flows.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Fish have direct access into the outlet channel, but may at times have trouble negotiating their way through the beaver dams especially during lower flows.

Coho access and use: Juvenile Unknown None Poor Fair Good
Adult Unknown None Poor Fair Good

Describe: Juveniles were plentiful in the short outlet channel, and adult use in the outlet channel is probably good. No fish were observed in the ponds which were nearly dry, but because of exceptionally dry and warm conditions in 2002, fish in the ponds may have perished.

Other species acces and use: Chum Pink Sockeye Chinook Trout

Describe: Trout use is probable but none were observed.

ENHANCEMENT OPPORTUNITIES: None

Project type:

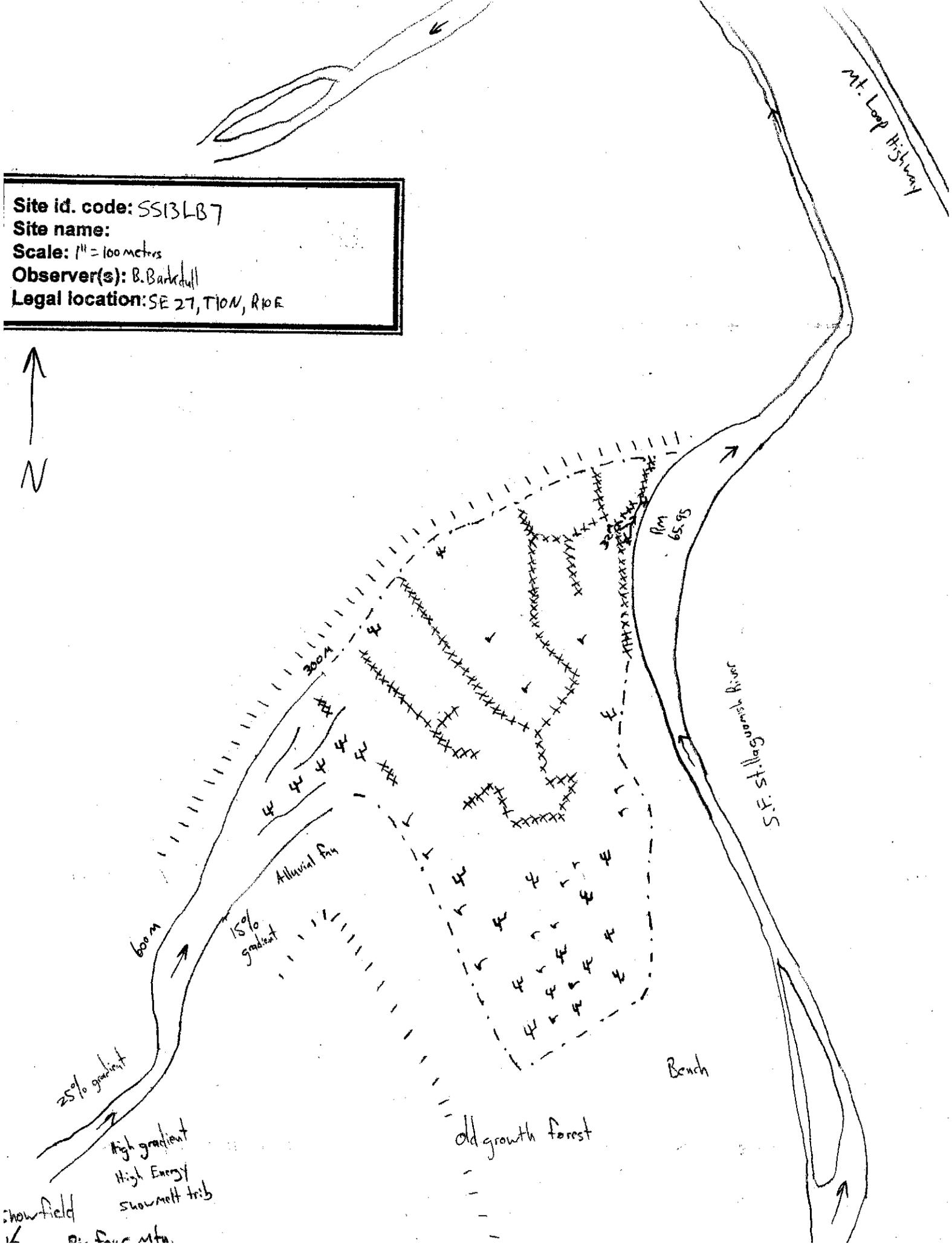
Equipment access:

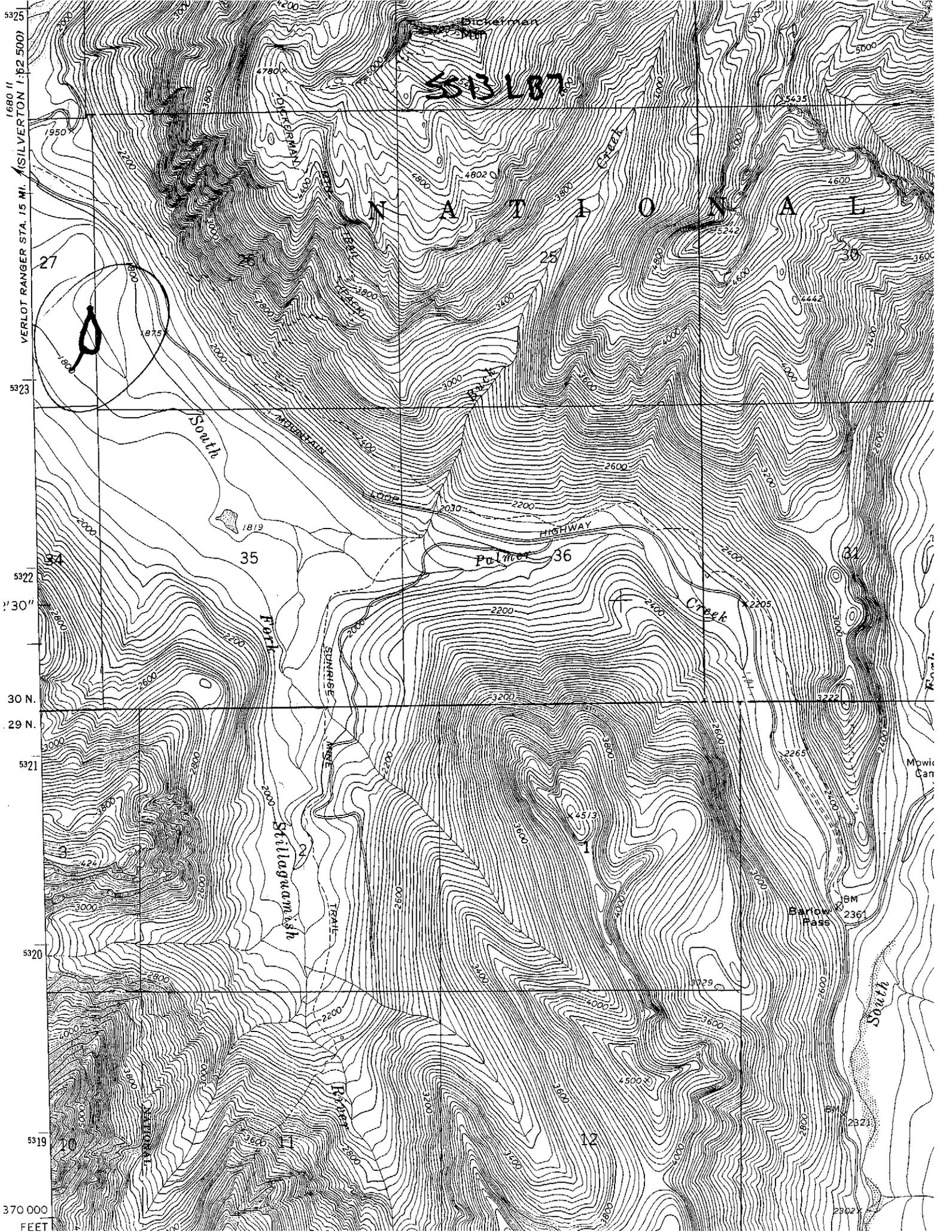
ADDITIONAL COMMENTS

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

Site id. code: SS13LB7
Site name:
Scale: 1" = 100 meters
Observer(s): B. Barkdull
Legal location: SE 27, T10N, R10E

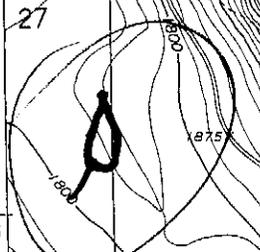




1680 II
VERLOT RANGER STA. 15 MI. SILVERTON 1:62 500
5325
5323
5322
5321
5320
5319
370 000
FEET

53187

NANTONAL



South Fork Nantonal River

Palmer Highway

Silliguanish

Barlow Pass

South

Mowic Can

Road

4802

4600

1819

2205

4241

4513

2361

2323

2302

27

28

30

34

35

36

37

30 N.

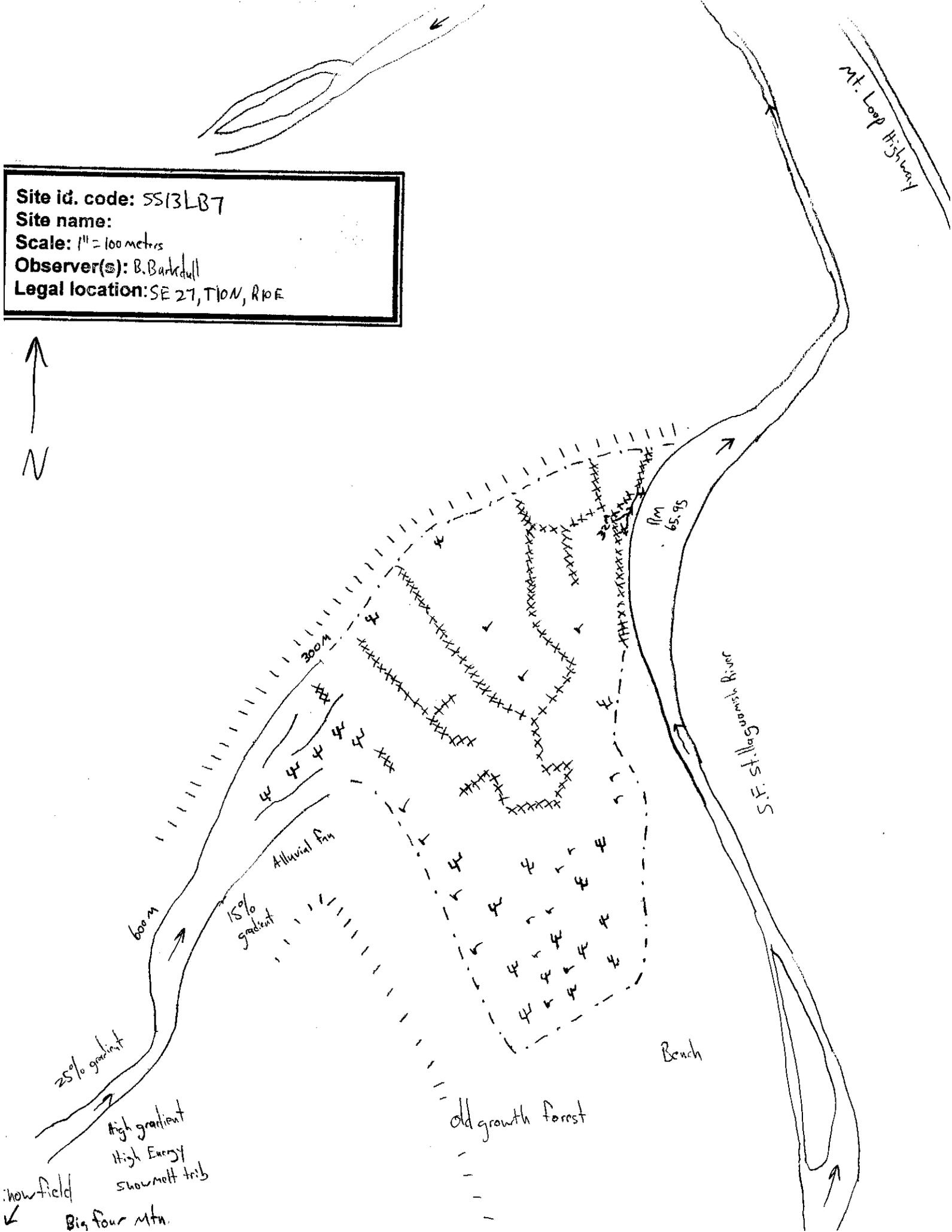
29 N.

5320

5319

12

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10/21/02 Beaver pond complex across
from Piddicun mtn River 46°
ch dry

SS13LB7

0 at mouth

6 2.5 channel width split

4 2.0 LB fork to lower Beaver
dam

17 2.0 pool with pool 40°

20 Beaver dam

30 1.0 splits

32 Beaver dam

need photo 2 800 x 500

See next page

RM 65.95

SE 27 T 30N R10F

x 1756344

y 904635

Dickerman mfm.

